THE SEED

APRIL 1986
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NEWSLETTER FOR APPLE PEOPLE

DENVER APPLE PI

PRESIDENT'S REPORT

It is about that time for Apple Pi to vote on a new Board of Directors. Members will receive an official ballot in the mail in April and must send it by mail or bring it in person before the May meeting. You may vote for the people on the ballot or write in any other member you wish. Be sure to vote.

If you know anyone who has wanted to get an Apple computer but cannot pay full price then look at the Ad on page 7 of the Seed and send them over to Quark on saturday. They will be selling Apple //e, //c, Mac computers and lots of cards and other goodies. They will also be selling Quark software at really good prices. This sale of older computer equipment is to make room for new equipment that they have on order. See you at the Quark meet!

A sour note. A few people have been bad-mouthing Apple Pi the last few months and some a starting a new Apple (or Apple compatibles) club in Denver. The officers at Apple Pi would like to go on record as saying that we fell that Apple Pi is one of the best Apple groups in the country. We wish the new group well and hope that their members find what they need. Unfortunately a few of these people find it necessary to poke nasties at Apple Pi. We at Apple Pi hope that these people grow up soon and make the most of club you choose and stop trying to gain satisfaction from sour grapes.

Randy

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denver apple pi Seed

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MEMBERSHIP INFORMATION

APPLE PI is an Apple Computer Users Group - not affiliated with Apple Computer, Inc. - that provides many member benefits, some of which are:

MONTHLY MEETINGS - On the first Thursday of each month at 7:00 p.m. APPLE PI holds its general meeting at the Green Center, Colorado School of Mines Campus, Golden, Colorado. This meeting is a combination of an informational meeting, new product announcements, and a short business meeting. The members are given an opportunity to buy computer supplies a little above cost. Software products are given away as door prizes.

On the Sunday following the general meeting there is an informal meet which is usually held at the Clear Creek Office Park, 4251 Kipling, in Wheat Ridge. This meeting is from 10:00 a.m. until 3:00 p.m. and provides a more informal environment to seek or give advice to fellow members and get copies of programs from the APPLE PI Library. Both of these meetings are open to the general public but only members have access to the club library and products that are sold.

PROGRAM LIBRARY - APPLE PI currently has a library of 9,000 programs. All current disks are in 16 sector (3.3, Pascal, CP/M) format and are available to any member. APPLE PI Members can obtain copies from the library:

1) By coming to the monthly informal meeting (swap meet);
2) By written request to the club librarian (at any meeting or by mail);
3) By electronic mail on APPLE PI's bulletin board system:

DISK OF THE MONTH - Each month a collection of some of the best programs donated to APPLE PI during the preceding month are made available. The DOM can be purchased at any group meeting or by mail.

DUES - Current membership dues are **$18.00** per year, with a one-time application fee of **$10.00.** Checks should be made payable to DENVER APPLE PI.

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ADVERTISING RATES

1/4 Page	$ 25.00
1/2 Page	$ 40.00
Full Page	$ 70.00

Heard on the street

This month's most interesting rumor continues to be Apple's drive toward IBM compatibility across its product line. In a recent exclusive interview with PC Week, John Sculley, CEO and Board Chairman of Apple, guaranteed MS-DOS will run on future products. There continue to be persistent rumors of coprocessor boards for both the Mac and the IIe, and Apple is known to have a machine which runs Unix. They also have, by the way, a new Cray X-MP/48, one of only 10 in the world, and one less junior VP who recommended Big Blue. Well, so much for that old story.

Second most interesting story of the month is the epidemic of trade-in programs Apple has announced. For Lisa and Mac XL owners, Apple has offered to exchange a Mac+ and Hard Disk 20 for either of the older machines with $1,500 boot. That is to say, you can buy a Hard Disk 20 for $1,500 and exchange your Lisa or Mac XL for a Mac+. For Mac owners there is a limited upgrade offer to the Mac+.

For schools, Apple has announced a used equipment trade in policy for credit toward new II's and Mac's. Apple will allow the credit for II's, II+'s, III's, PC Jr's, Tandy II, III, and IV's, selected Commodores, IBM typewriters, and other specific products. Now the bad news. The credit is a maximum of $200 per machine.

For the non-educational institution II and II+ owner, Apple may have an upgrade plan as well. Responding to a question at the Appleworld Conference, Sculley promised Apple would eventually announce a plan to upgrade these old machines to newer ones.

This trade-in program is reminiscent of the Apple III exchange and Apple IIe B motherboard for A motherboard swaps of a couple years ago. And this kind of responsible concern for users is refreshing in its reappearance at Apple. Now if IBM would exchange its PC Jr's and announce a motherboard exchange for its old PC I's....

In the world of profit, Apple has been doing well. For the fourth quarter of 1985, which was its first fiscal quarter of 1986, Apple posted a record $56.9 million dollar profit. The company has no long term debt and has cash reserves of $441.5 million dollars.

As reported by Future Computing of Dallas, the most recent sales by Apple, Compaq, and IBM are as follows (in units):

	Sept	Oct	Nov	Dec	Total
Apple	47,000	57,000	67,000	118,000	289,000
IBM	60,000	64,000	63,000	91,000	278,000
Compaq	18,000	22,000	18,000	26,000	84,000

Apple has reportedly dropped 200 dealers in recent months and is granting few if any new dealerships.

In software sales, Apple is currently second only to Lotus and has an 11% market share. According to the April A+ magazine, Apple is soon expected to announce a $25 million venture capital fund for software developers. In a related development, Apple and Kinko's Graphics (285 stores) plan to distribute low priced university developed software at 500 colleges beginning this spring. The software will be for both the II and the Mac and will be priced from $8 to $30. The program is called the Academic Courseware Exchange and you can call 1-800-235-6919 and ask for the courseware director if you want them to consider distributing your software.

In the courtroom this month, Apple has dropped its suit against Steve Jobs but he may not sell his new academic machine until July 1987. Apple is suing Video Technology of Hong Kong for cloning without a license. Leading Edge is still suing Mitsubishi Electonics for $1.7 billion, yet has entered into a new contract with them to import a newer version of the machine Sperry sold as the PC IT. Seattle Computer Products, the original developer of PCDOS,

has filed a $60 million damage suit against Microsoft. They sold the rights to Microsoft in 1981 but now want a royalty-free world wide license as well. Intel is suing NEC over the V20 and V30 chips, saying they are copies of the 8088 and 8086. Now NEC is distributing V40 and V50 chips alleged to contain pirated code from the 80188 and 80186.

IBM missed again in the latest major government contract for micro-computers. In an unexpected result, the IRS lap top contract was awarded to Zenith for its Z-171 portable. The contract was for $27 million and 18,000 machines over 8 months. Zenith will supply a 512 K machine with 2-5 1/4 inch drives, an internal modem, a rechargeable power pack, and a 25 line by 80 character back-lit liquid crystal display. Also, Zenith is supplying Enable, R Base 5000, and Polywindows with each machine.

Actually, the Zenith award is not so surprising. They have won 4 of 5 major contracts in the last 3 years and Federal Data Corp. (who?) won the other. Further, it now appears Zenith has the Defense Department Small Computer Replacement Contract for 90,000 machines over 5 years and $300 million in the bag. The machine will be a Z-248 with a 80286 chip.

Microsoft recently terminated its sales relationship with ASCII Corp., which was its Japanese representative and from whom it generated 12% of its revenue. Kai Nishi, president of ASCII Corp., is no longer associated with Microsoft and has been removed from Microsoft's board of directors. Rumor has it that his insistence that the 68000 series microprocessor, not Intel's, held the key to the future led to his demise. Microsoft notes that they do not expect to recoup a $509,850 loan to Mr. Nishi and is replacing his firm with a wholly owned subsidiary.

In the world of user interfaces, DRI has announced it is ready, able, and willing to make the bit mapped GEM interface available to any processor. And IBM and Microsoft are now developing a new version of Topview with bit mapped graphics replacing character graphics. It seems Zerox-Parc and Apple really have made some converts.

Last, it is reported that IBM is readying a JX design machine from the Far East for under $1000 as its replacement for the PC Jr in the school market. It is said to have 256 K expandable to 640, one 3-1/2 inch drive, two ROM software cartridge slots, three internal slots, and built in graphics and local network support. It may debut by early summer and be available by the fall 86/87 school year.

That's it for this month. Next month we intend to focus on some of the new software and hardware available for the II series.

The Apple Sleuth

AMDOS for the 3.5 Inch Drive

The club has recently added AMDOS by Gary B. Little to the Personal Domain collection. AMDOS, which Gary calls Amateur DOS, is an implementation of DOS 3.3 for the 3.5 inch drive. It will initialize a 3.5 inch disk with a modified version of DOS 3.3 which will then boot from the disk. Each disk will have two 400 k DOS 3.3 volumes with 50 tracks of 32 sectors. The volumes are referred to as logical drive 1 and 3 on physical drive 1 and logical drive 2 and 4 on physical drive 2.

Also, the disk includes information and the necessary code to patch Apple's FID routine to operate with both 5-1/4 and 3-1/2 inch disks at the same time.

As you may remember, Gary is the author of Inside the Apple IIE, published by Brady, the author of Modem Magician, sold by Call Apple, and a frequent contributor to the Apple II literature. We are recommending that you give AMDOS a try with your 3.5 inch drive.

Librarian's Report

DOM sales in February totaled 55 and 124 library copies were made. As this is written, the South Core Meet of March 20 has not yet been held. We want to remind you that additional South Core Meets are scheduled for April 17 and May 15 from 6:15 to 9:30 PM in the computer lab at Overland High School at Jewell and Peoria in Aurora.

Just in case you haven't read this in a couple of months, you can now copy past DOM's over 12 months old for the standard $1.00 copy fee. Also, we now have the complete International Apple Core DOM series available from disk 1 through 56. For CP/M users the library has 195 volumes, for Apple Pascal users we have 37 volumes, and for Appleworks users we have 18 volumes. Also, we have 21 Mac disks and about 50 disks of MS-DOS.

The March DOM is our first in ProDOS as we have just been licensed. It is single sided and we have included a new data base from Tom Hellsten on side 2. The DOM contains the programs shown on the label below.

Denver Apple Pi's Disk of the Month
#069 APR 1986 DOM

BASIC.SYS	PRODOS	CAT.TO.TE	COMPUSERV	COPY.CMD	M.T
MENU	PRODOS.DI	PRODOS.ME	PRODOS.ME	SELECT.BA	SELECT.DO
STARTUP	TYPE.CMD	WHEN.BAS	AGE.INVES	AMORTIZE.	ANNUITY
BOND.ANAL	BUDGET.AN	CHKBOOK.B	COMMON.DI	DECPREC.R	DEPREC.AM
DISC.COMM	EARNED.IN	EFFECTIVE	INIT.INVE	INVESTMEN	LOAN.ANAL
LOAN.BALA	LOAN.CALC	LOAN.INT.	LOAN.LAST	LOAN.PRIN	LOAN.REDU
LOAN.REG.	MIN.INV.W	MORTGAGE.	NUMBER.OF	OPTION.PR	PRIME.FAC
REG.DEPOS	REG.WITHD	SALVAGE.V	SECURITY.	TRIP.COST	HELLO

The feature program is really a group of 32 financial programs which appear under the finance subdirectory. The disk provides a program selector and menu for the financial programs. I think you will find new ways you never thought of to make, lose, or just compute your financial position.

In addition, the DOM contains three extensions to ProDOS which are the COPY, TYPE, and WHEN programs. These will respectively
copy a file, list a file, and set the system time. There are three menu programs including MENU, ProDOS MENU, and SELECT.BAS. The last two are the best I've seen so far in public domain and ProDOS. Finally, the DOM contains the program ProDOS DISK ZAP which will allow you to write directly to your disk.

On the back of the DOM you will find DB Senior by Tom Hellsten and provided by the International Apple Core. DB Senior comes with Diversidos and is probably the most powerful database in the public domain. Besides creating and altering data files, you can append and merge two database files. An excellent update facility is included, and fast machine language search and sort routines are available. One of the most unusual features is the CALC utility which enables you to perform calculations on one or more fields and store the results in another field. The database is memory resident and can contain about 38,000 characters. The documentation is included on the disk.

Please note that the disk catalog has been extensively revamped and now all of our Apple II software for all operating systems is cataloged on it. This includes the ProDOS, Appleworks, Pascal, CPM, Personal Domain, and Sales disks. After the general meeting and as time permits we will update your catalog for you.

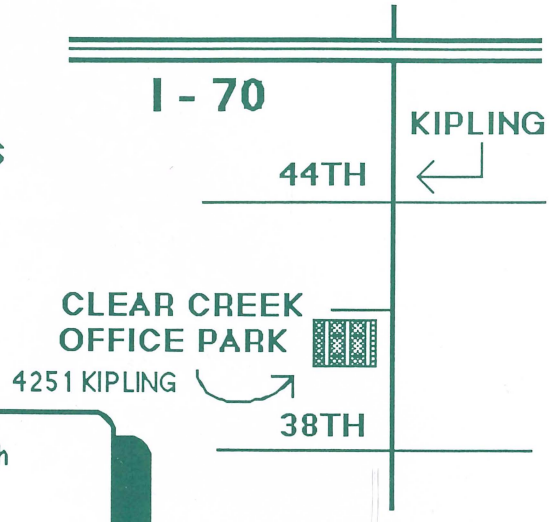
See You at the General Meeting,

Ed Thompson, Software Librarian

Apple Pi's BBS now has two phone numbers. The old number, 469-7541, will be disconected in two or three months and the new number 666-0138 will be used from now on. The BBS moved some time ago, but Apple Pi kept the old number to make the transition to the new number easy for the users. If you are using ASCII Express macros, please change the number. If you dial in, please start using the new number.

GENERAL MEETING

CORE MEET



GENERAL MEETING 7:00 PM first Thursday of each month

CORE MEET 10:00 to 3:00 Sunday after General Meeting

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I can't wait till summer

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(303) 798-4129

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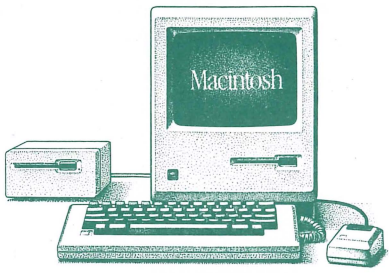
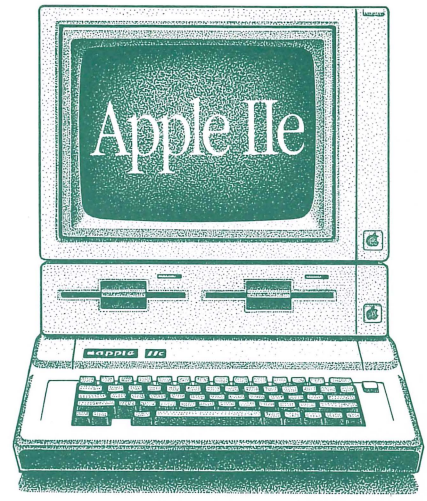
☐ Overnight Camp

Name _____
Address _____
City/State/Zip _____
Phone _____

Quark's First Annual Spring Computer and Peripheral Sale.

Save big on used Apple computers! With 90 day limited warranty!





128K Macintosh. Suggested U.S. Retail Price, N.A. Quark's low, used price: ***$1,069!***

512K Macintosh. Suggested U.S. Retail Price, $1,995. Quark's low, used price: ***$1,269!***

Apple IIe, with 128K Extended 80 Column Card; Monitor; Disk II. Suggested U.S. Retail Price, $1,439. Quark's low, used price: ***$896!*** *128K CPU only:* ***$595!***

Apple IIc with Monitor. Suggested U.S. Retail Price, $995. Quark's low, used price: ***$649!***

WHY: We're replacing the Apple computers in our Denver office with brand new ones. Which means that we have dozens of top-quality used Apples on our hands. So we're having a sale, and offering them to you at substantial savings.

WHEN: **Saturday, April 5, 1986.** Doors open to **Apple Pie Members** at 9:00 a.m. Sale opens to the general public at 10:00 a.m.

WHERE: Quark Incorporated (General Offices)
2525 West Evans, Suite 220
Denver (Between Santa Fe and Federal on Evans, just next door to 7 Eleven.)

WHAT: You'll find super buys on virtually the full Apple line -- whether you're looking for an Apple IIe, Apple IIc, Apple III or Macintosh. And get coupons worth $50 off Quark's Word Juggler and Catalyst programs, and $700 off Quark's QC20 Hard Disk, when you buy any of these systems.

And you'll also find outstanding bargains on used printers, hard disk drives, memory cards, Apple "mice," dozens of miscellaneous computer cards, UniDisk 3.5s, an Apple color plotter, even a Nestar Plan 4000!

Quark will give you a **90-day limited warranty on all sales!** And if you buy one of our used computers, you'll also be able to get an optional AppleCare Extended Warranty -- at **20 percent off suggested retail** -- a local, authorized Apple dealer.

A new, Quark Word Juggler word processor, complete with spelling checker and telecomunications mode, will be given away **FREE** as a **door prize.**

HOW: To buy, you need either cash or a local check, with valid Colorado driver's license. Sorry, no credit card, C.O.D. or other sales.

Quark™ INCORPORATED

(PHONE 934-0627; Saturday ONLY.)

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Dear John

JOHNNY APPLESEED

Dear John,

I have been thinking about getting the new Apple 3.5 UniDisk for my Apple //e. Can I sell one of my 5 1/4 Apple drives and use the same interface card to have the 3.5 work as drive #2 (D2)?

Driving Me Crazy

Dear Driving,

Sorry, but the new Apple 3.5 uses its own interface, and the 5 1/4 drive will not work with the new interface. You will need to purchase the 3.5 interface, but you WILL be able to plug a second 3.5 drive into the back of the first 3.5 drive (this is called daisy chaining) to get two drives on one card. Also, if you put the interface for the 3.5 drive(s) in a higher slot than the interface for your 5 1/4 drive, you will be able to default to the 5 1/4 by simply not putting anything into the 3.5 drive. I have the 3.5 in slot 7 and the 5 1/4 in slot 6. If there is a disk in the 3.5, it will boot. If the 3.5 is empty, then the 5 1/4 will boot.

Dear John,

Do I really need a fan?

Not So Hot

Dear Not,

Apple would put in a fan if you really needed one with the standard Apple. If you are running a non-modified Apple //e or //c, or an older Apple, you really do not need a fan. Here is the rub...most of us put other goodies into our Apples, ranging from modems to RAM cards. While some of these cards do not add a lot of heat, others do. If you are adding RAM, it is a good idea to add a cooling fan. The same goes for any card that may add significant heat to the Apple. Check with your dealer or the maker of the cards to see if a fan is in order.

Dear John,

I just heard that Apple is no longer giving a free copy of Mac Write or Mac Paint to you if you purchase a MAC+. Is that true?

Feeling Gypped!

Dear Feeling,

Yes, it is true. Apple now gives you a disk that shows you how these programs work, but does not save files; thus it is not really usable. If you want these programs they will cost you about $125.00 each. That's life in the MAC lane!!

Dear John,

Is there a way to use the Apple to see the ASCII values?

No Num

Dear No,

Yes. A short BASIC program can be used to show you the ASCII values.

```
10 HOME
20 INPUT "ENTER THE ASCII CHARACTER ";A$
30  IF  VAL  (A$)    31 THEN A$ = STR$ (VAL
(A$) + 64)
40 PRINT A$
50 GET Z$
60 GOTO 10
```

WHERE'S THE PRODOS

You just bought your Apple IIe or IIc and received ProDOS with it. Now you join Apple Pi and find the library is all DOS 3.3. Well, not quite... we now have 35 ProDOS disks in various sections and this article is going to tell you where they are.

First, we do have a ProDOS section per se and it has 12 volumes as described below:

001. Utility Programs
002. Epson Screen Dump
003. Freewriter
004. Utility Programs (IAC 43)
005. File Cabinet Database (IAC 44)
006. Trivia Game (IAC 50)
007. Hybrid DOS/ProDOS Disk (IAC 51)
008. Enhanced Softgraph (IAC 52)
009. Utility Programs (IAC 42)
010. HGR.Filer 1.3
011. Utility Programs (IAC 55)
012. Games

Another section which contains ProDOS material is of course the Appleworks section. It includes 18 disks and each contain various database, spreadsheet, and word processor applications for Appleworks. You have to have Appleworks to use these programs.

Finally, two of our sales disks are in ProDOS. Slalom is a sideways type spreadsheet printer for Appleworks, and Imageworks is a font downloader in both ProDOS and DOS. In the Personal Domain section, Bob Garth's ProTree.BBs is ProDOS based; the Diversi-Copy program, while based on DOS, will format blank disks as well as make full disk copies of ProDOS disks. And last but not least, the latest DOM, that is for April 1986, is based on ProDOS.

So now you know where they all are. I think it is likely to expect a fairly rapid expansion of the ProDOS offerings now that we are licensed. We would like donations of ProDOS based software and will extend the free library copy for a donated program to include a translated-to-ProDOS disk. So get out your Copy II+ 6.0, which seems to convert OK, make some conversions, test them please, then bring them in and copy our DOM's or IAC disks, or Appleworks, or CPM, or Pascal or whatever. Our library is among the absolute largest in the country at 13,000 programs, and we have another 7,000 programs between our Mac and MS-DOS collections.

Ed Thompson
Software Librarian

IMAGEWORKS GOES PRODOS

The Imagewriter utility program sold by the club as IMAGEWORKS has been upgraded again. It now contains a ProDOS version on the front of the disk and a DOS 3.3 version on the back. Both versions work with the IIe with Super Serial Card and with the IIc.

The primary feature of the program is a font downloader which will install an alternate font in your Imagewriter's font buffer. You may then use your Imagewriter with some other application such as Appleworks or Applewriter and the font loaded will be available. The DOS side contains 47 fonts and the ProDOS side contains 46 fonts.

Also, the disk includes a general setup routine to easily access the special features of the printer, a skip perforation routine, a font editor, a routine to demo the fonts to screen or printer, and a reset routine. In addition, the DOS version has a diskette label maker and both versions contain Apple's Imagewriter Tool Kit graphics dump routine.

IMAGEWORKS works on the original Imagewriter and the newer Imagewriter II. It is the software that Apple should have provided with the printer. If you purchased an earlier version from the store, bring in your disk and we will update it with the new version. If you have not seen it, give it a try. You'll be amazed at the control it gives you over your printer.

SOUTH SIDE

SOUTH SIDER CORE MEET NOTICE

By the time you read this, we will have had our first fantastic South Sider core meet at Overland High School. We appreciate the support of the club members in that part of town and are continuing our series of core meets for at least two more months.

Overland High is at 12400 East Jewel, which is just east of Peoria at Jewel. The meetings will be held in the computer lab which is at the south end of the school. The facilities are being made available through the courtesy of Rod McKinney who sponsors the Overland High Computer Club, by the Cherry Creek School District, and by Denver Apple Pi (yes, we have to pay for the room).

Two additional meetings are scheduled and will be held the third Thursday of the month in April and May. Those dates are as follows:

Thursday April 17
Thursday May 15

The lab will be available from approximately 6:15 to 9:30 PM. We will present a DOM demonstration and then provide library copying and limited Pi Store Sales. After these two meetings we will look at the results and continue or seek another location as seems best.

Come on out and join us. Be a South Sider Too! Take advantage of the extensive Apple Pi Club Library, meet some friends, discuss Apples, and see a demonstration of the current month's DOM.

Hope to see some of you we hope at the new South Core Meet!

GREEN APPLES

How do I run DOS commands from inside a BASIC program?

Sometimes you want to redirect the computer out of your BASIC program and into the DOS code. Your BASIC code and DOS code live in two different places in the computer. To branch out of BASIC and tell the computer you want to do a DOS command requires that you use what we call a DOS HOOK. A DOS HOOK is a special character that taps DOS on the shoulder and tells it that the next command will be for DOS. This special character is a control D, (D) or CHR$(4), (three ways to say control D). To use the DOS HOOK to CATALOG you would type PRINT " CONTROL D CATALOG" or PRINT CHR$(4);"CATALOG". In BASIC it would look like this:

```
200  PRINT CHR$(4);"CATALOG"
```

To save on typing most programmers set a variable to be the DOS HOOK:

```
10  LET D$ = CHR$(4)
:
:
200  PRINT D$;"CATALOG"
```

D$ is the standard. One word of warning. You must use the DOS HOOK as the first instruction on a line in BASIC if you are using ProDOS. In other words, you cannot do this:

```
200  IF A$ = "YES" THEN PRINT D$;"RUN HELLO"
```

The IF / THEN becomes the first command on the line 200 and the DOS HOOK will not work. You can get away with this in DOS 3.3 if you modify the D$ assignment to:

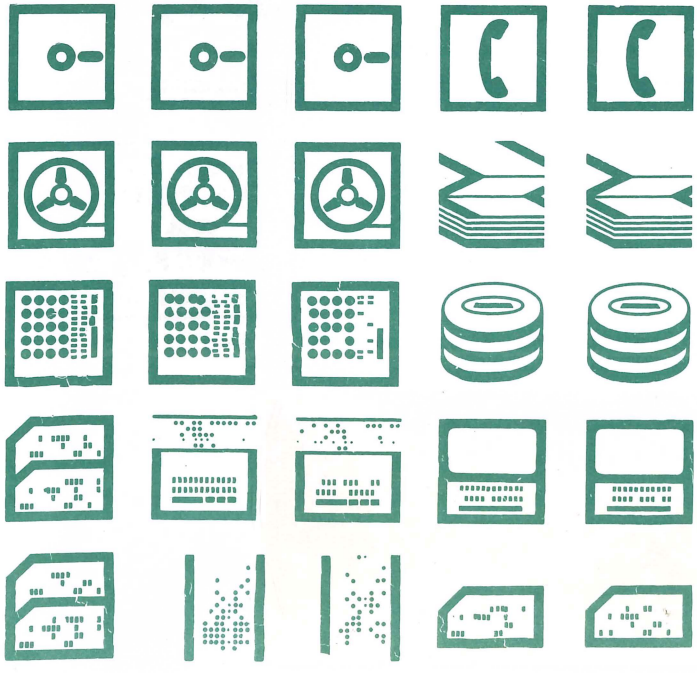
```
10  LET D$ = CHR$(13) + CHR$(4)
```

CHR$(13) is a RETURN and is needed before the CONTROL D if the hook is not the first instruction on the line.

Here is a little hello program that uses the DOS HOOK to CATALOG for you.

```
10  LET D$ = CHR$(4)
20  A$ = "YOUR NAME HERE"
30  HOME
40  VTAB 12
50  HTAB 20 - LEN(A$)/2
60  PRINT A$
70  VTAB 22
80    PRINT   "PRESS   ANY   KEY   TO   SEE CATALOG...";
90  GET X$
100  PRINT D$;"CATALOG"
110  END
```

This program will put your name in the middle of the screen. After any key is pressed, the computer will catalog the disk in the active disk drive.



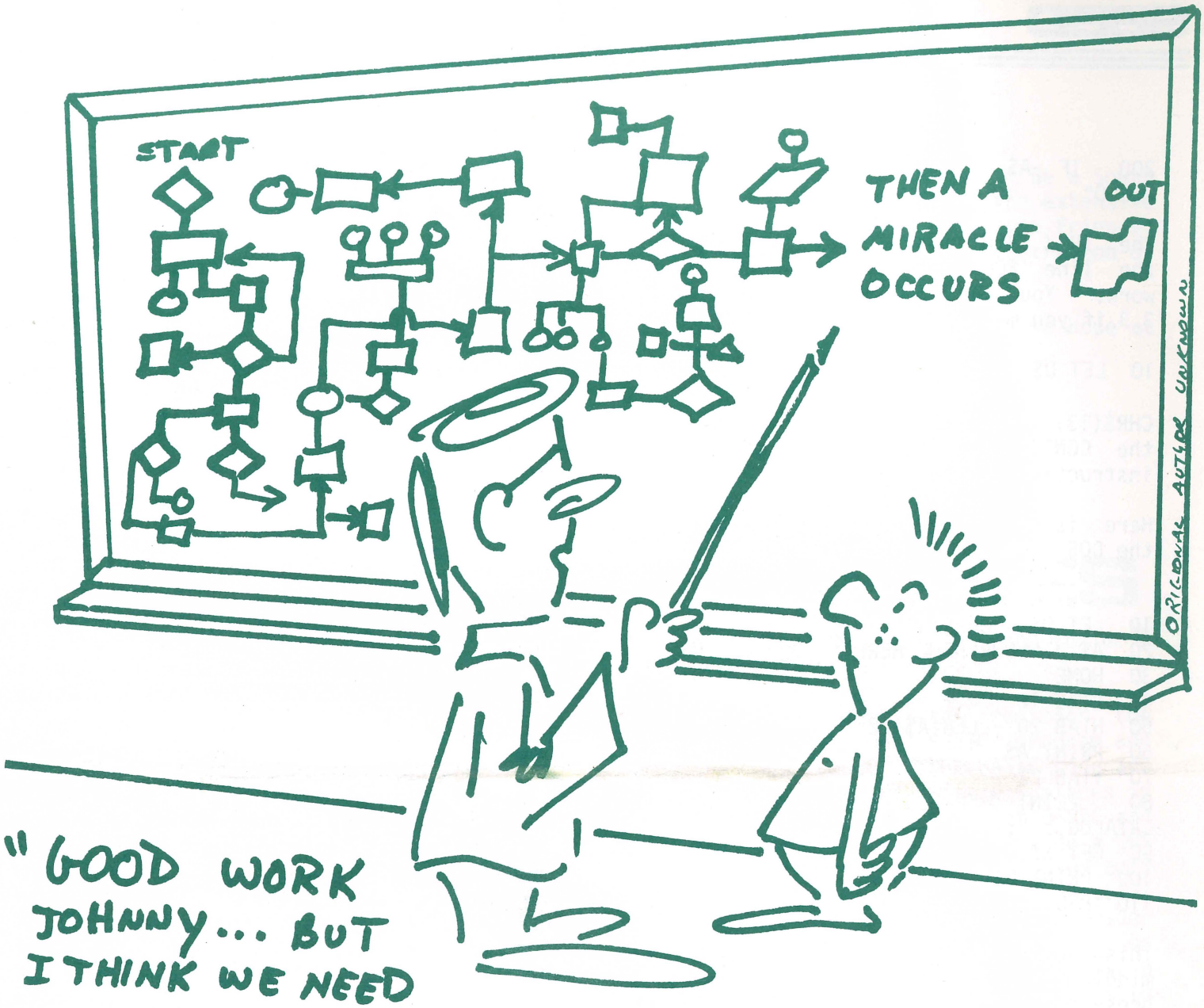
A.P.P.L.E.

by Randall Ansley

How many of you have ever heard of the A.P.P.L.E. Co-op? I see, OK, you can put your hands down. Now how many of you have ever heard of Call A.P.P.L.E.? I have recently returned from Seattle, Washington, and I had the opportunity to go through the A.P.P.L.E. Co-op. I was impressed. All these years I always thought that it was a small business run out of somebody's house; not true. This organization has a very nice facility in Renton, about 20 miles south of Seattle. They have a nice store carryning a variety of software and hardware items for Apples not to mention books and back copies of Call A.P.P.L.E..

As I was being given the cook's tour, John Elliot (national advertising coordinator and all-round good guy) handed me a copy of the newest publication to be generated by the Co-op, "MAC A.P.P.L.E.". This new magazine is very similar to Call-A.P.P.L.E., chock full of information and articles for the Macintosh. The Co-op has always geared the publications to the hobbyist, and this new publication looks like it will follow that same track. Mac A.P.P.L.E. evolved from the A.P.P.L.E. Lisa/Macintosh SIG group newsletter "32 Little Apples".

If you are looking for just good, nice to know, and helpful information, I suggest you get on board. For Apple // folks or Mac folks, contact the Apple PugetSound Program Library Exchange at 290 S.W. 43rd Street, Renton, Washington 98055. Membership in the Co-op is $26.00 per year, plus a one time application fee of $23.00. The membership includes the magazine subscription and allows you to buy the goodies for you computer at a real savings. Be sure to tell them if you are interested in Mac or Apple//. By the way, they are about to send out the latest catalog of goodies!


START
THEN A MIRACLE OCCURS
OUT
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THE SEED

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